

Claim 1 (**currently amended**). A pressure-sensitive adhesive based on at least 50% of one or more block copolymers, at least one block copolymer being composed at least in part on the basis of (meth)acrylic acid derivatives, the at least one block copolymer comprising at least the unit P(A)-P(B)-P(A), comprising at least one polymer block P(B) and at least two polymer blocks P(A), where

- P(A) independently of one another represent homopolymer or copolymer blocks made up of monomers of group A, the (co)polymer blocks P(A) each having a softening temperature in the range from 0°C to +175°C,
- P(B) represents a homopolymer or copolymer block comprising monomers of group B, the (co)polymer block P(B) having a softening temperature in the range from -130°C to +10°C, and
- the (co)polymer blocks P(A) and P(B) are not homogeneously miscible with one another at 25°C,

**characterized in that and wherein**

- the **pressure sensitive** adhesive has a refractive index  $n_{d,A}$  of  $n_{d,A} \geq 1.52$  at 25°C,
- at least one of the (co)polymer blocks P(A) **have has** a refractive index  $n_{d,A}$  of  $n_{d,A} \geq 1.58$  at 25°C, and
- the (co)polymer block P(B) has a refractive index  $n_{d,B}$  of  $n_{d,B} \geq 1.43$  at 25°C.

Claim 2 (**currently amended**). The pressure-sensitive adhesive of **at least one of the preceding claims, characterized in that claim 1, wherein**

all the (co)polymer blocks P(A) **each** have a refractive index  $n_{d,A}$  of  $n_{d,A} \geq 1.58$  at 25°C.

Claim 3 (**currently amended**). The pressure-sensitive adhesive of **at least one of the preceding claims, characterized in that claim 1, wherein**

one or **all more** of the block copolymers **may be described by are of** one or more of the following **general** formulae:

$P(A)-P(B)-P(A)$  (I)

$P(B)-P(A)-P(B)-P(A)-P(B)$  (II)

$[P(A)-P(B)]_nX$  (III)

$[P(A)-P(B)]_nX[P(A)]_m$  (IV)

where

- $n = 3$  to  $12$ ,  $m = 3$  to  $12$
- $X$  represents a polyfunctional branching region,
- $P(A)$  independently of one another represent homopolymer or copolymer blocks of monomers of group A, the (co)polymer blocks  $P(A)$  each having a softening temperature in the range from  $0^{\circ}\text{C}$  to  $+175^{\circ}\text{C}$  and each having a refractive index  $n_{d,A'}$  of  $n_{d,A'} \geq 1.58$  at  $25^{\circ}\text{C}$ ,
- $P(B)$  independently of one another represents homopolymer or copolymer blocks comprising monomers of group B, the (co)polymer blocks  $P(B)$  each having a softening temperature in the range from  $-130^{\circ}\text{C}$  to  $+10^{\circ}\text{C}$  and each having a refractive index  $n_{d,B'}$  of  $n_{d,A'} \geq 1.43$  at  $25^{\circ}\text{C}$ .

Claim 4 (currently amended). The pressure-sensitive adhesive of ~~at least one of the preceding claims, characterized in that~~ claim 1, wherein

the ratio of the chain lengths of the polymer blocks  $P(A)$  to those of the polymer blocks  $P(B)$  is chosen such that the polymer blocks  $P(A)$  are present as a disperse phase ("domains") in a continuous matrix of the polymer blocks  $P(B)$ , ~~in particular as spherical or distortedly spherical or cylindrical domains.~~

Claim 5 (currently amended). The pressure-sensitive adhesive of ~~at least one of the preceding claims~~ claim 1, comprising a blend of

- at least one diblock copolymer with at least one triblock copolymer, or

- at least one diblock copolymer with at least one star-shaped block copolymer, or
- at least one triblock copolymer with at least one star-shaped block copolymer.

Claim 6 (currently amended). ~~Pressure-sensitive adhesive systems of at least one of the preceding claims, characterized in that~~  
~~the pressure-sensitive adhesive is~~ A pressure-sensitive adhesive system, comprising the pressure-sensitive adhesive of claim 1 admixed with one or more homopolymers and/or copolymers of the form P'(A) and/or P'(B), where

- the (co)polymers P'(A) each have a softening temperature in the range from 0°C to +175°C and each have a refractive index  $n_{d,A'}$  of  $n_{d,A'} \geq 1.58$  at 25°C,
- the (co)polymers P'(B) each have a softening temperature in the range from -130°C to +10°C and each have a refractive index  $n_{d,A'}$   $n_{d,B'}$  of  $n_{d,A'}$   $n_{d,B'}$   $\geq 1.43$  at 25°C.

Claim 7 (currently amended). The pressure-sensitive adhesive of ~~at least one of the preceding claims, characterized by~~ claim 1, having an outgassing figure value of not more than 250 µg/g, measured by heating a sample area, measuring 40 cm<sup>2</sup>, of a PET film coated (coat weight 50 g/m<sup>2</sup>) with the pressure-sensitive adhesive under atmospheric pressure at 100°C for one hour and determining the volatile constituents via GC-MS.

Claim 8 (currently amended). The pressure-sensitive adhesive of ~~at least one of the preceding claims, characterized by~~ claim 1, having a fogging value of not less than 98%, measured by heating a sample, measuring 50 cm<sup>2</sup>, of a coated (coat weight 50 g/cm<sup>2</sup>) PE film with the pressure-sensitive adhesive, under atmospheric pressure at 100°C for three hours and detecting the precipitation, which deposits on a pane of glass, as the 60° reflectometer value, the fogging value being reported as the ratio of this value to the 60° reflectometer value, of the precipitation-free pane of glass, and expressed as a percentage.

Claim 9 (currently amended). ~~Pressure-sensitive adhesive systems of at least one of the preceding claims, characterized in that~~  
~~the pressure-sensitive adhesive is~~ A pressure sensitive adhesive system, comprising the pressure-sensitive adhesive of claim 1 in the form of at least one layer.

Claim 10 (currently amended). ~~Pressure-sensitive adhesive systems of at least one of the preceding claims, characterized by~~ The pressure sensitive adhesive system of claim 9, comprising at least one backing or carrier layer, ~~in particular~~ in the form of a film layer.

Claim 11 (new). The pressure sensitive adhesive of claim 4, wherein said disperse phase is in the form of spherical, distortedly spherical or cylindrical domains>